CLAIMS

What is claimed is:

- A device for deburring the inside of a longitudinally seam-welded pipe, comprising:
 - a retention arm secured outside a longitudinally seam-welded pipe in an area of the pipe that has not yet been closed, said retention arm having an end zone which is located behind the welding spot;
 - a frame part arranged in the end zone of the retention arm and constructed for tilting longitudinally in direction of the pipe about a tilt axis by a tilt angle, an adjustment mechanism, arranged on a leading end of the frame part, for adjusting the tilt angle of the frame part; and
 - a scraping tool supported by the frame part and bearing against an inside surface of the pipe at a scraping point, for removing burrs and discharge thereof via a chip removal slot in the frame part;
 - wherein the tilt axis is located, as viewed in an advance direction of the pipe, behind the scraping point at a trailing end of the frame part.

- 2. The device of claim 1, wherein the end zone of the retention arm is configured as fork having a pair of parallel prongs, with the frame part arranged between the prongs and having opposite longitudinal sides, with each longitudinal sides having a pin extending in the tilt axis, wherein the pin of one longitudinal side is rotatably supported on a top surface of one of the prongs, and the pin of the other one of the longitudinal sides is rotatably supported on a top surface of the other one of the prongs.
- 3. The device of claim 1, and further comprising a follower roller rotatably supported by the frame part in front of the scraping point, as viewed in advancing direction.
- 4. The device of claim 3, wherein the follower roller is disposed between the scraping tool and the adjustment means.
- The device of claim 1, wherein the adjustment means includes a hydraulically controllable adjusting cylinder.
- 6. The device of claim 1, wherein the adjustment means is constructed to realize an adjustment of the scraping tool by about 0.1 mm.

- 7. A method for adjusting a device of claim 1 for deburring the inside of a longitudinally seam-welded pipe, comprising the steps of: adjusting the retention arm and thus the scraping tool mounted on the frame part; and aligning the adjustment means to a mid-position at an adjustment in a plus and minus range.
- 8. The method of claim 8, wherein the adjustment of the retention arm includes a positional adjustment in a longitudinal plane, in a transverse plane, and about a longitudinal axis of the retention arm, in dependence on a ratio of wall thickness to diameter of the pipe being welded.
- 9. The method of claim 8, wherein the aligning step is realized to correct a preset position of the scraping tool in the longitudinal plane.